

What is claimed is:

1 A flat type core brushless motor formed by installing a stator which is
2 made by winding an armature coil around each of a plurality of protruding poles at a
3 stator base, wherein a concave portion for escape of the armature coil is installed at
4 the stator base.

1 2. The flat type core brushless motor as claimed in claim 1, wherein the
2 concave portion for escape of the armature coil is a hole arranged at a circuit board
3 attached to the stator base.

1 3. The flat type core brushless motor as claimed in claim 1, wherein the
2 concave portion for escape of the armature coil is a hole arranged at a circuit board
3 attached to the stator base and a hole installed at the stator base thereunder.

1 4. The flat type core brushless motor as claimed in claim 2, wherein the
2 concave portion for escape of the armature coil is a hole arranged at a circuit board
3 attached to the stator base and a hole installed at the stator base thereunder.

1 5. The flat type core brushless motor as claimed in claim 3, wherein the
2 circuit board is formed of a thin flexible sheet to cover the edge of the hole formed in
3 the stator base.

1 6. The flat type core brushless motor as claimed in claim 4, wherein the
2 circuit board is formed of a thin flexible sheet to cover the edge of the hole formed in
3 the stator base.

1 7. The flat type core brushless motor as claimed in claim 3, wherein a
2 plurality of supports, which are lifted from the stator base by pressing processing,
3 are used as a means for installing the stator and simultaneously a hole formed by
4 the press processing for lifting the supports is used as part of the concave portion
5 for escape of the armature coil.

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8. The flat type core brushless motor as claimed in claim 4, wherein a plurality of supports, which are lifted from the stator base by pressing processing, are used as a means for installing the stator and simultaneously a hole formed by the press processing for lifting the supports is used as part of the concave portion for escape of the armature coil.

9. The flat type core brushless motor as claimed in claim 5, wherein a rotation support portion is arranged inside the supports.

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